

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Improvements to drains of
5th cross road of pampa extension to 13th
cross road of pampa extension in ward
no.07, Byatarayanapura.

Measurement sheet

Estimate cost: 99.90.00 lakhs

Ward 7 byatarayanapura

BRUHAT BANGALORE MAHANAGARA PALIKE							
MEASUREMENT SHEETS							
Name of the work : Improvements to drains of 5th cross road of pampa extension to 13th cross road of pampa extension in ward no.07 byatarayanapura.							
Name of Agency : Ramesh U							
JOB CODE: 007-19-000018							
work order amount: 9358674.83 (Excluding GST)							
Item name:-01		Removing and refixing stone slabs of drains and pointing in CM(1:3)					
SL No	Particulars	Unit	Nos	L	B	D	Qty
1	2	3	4	5	6	7	8
	Covering slab						
	Pampa extension	Sqm					
	4th cross						
	0-30		2	20.00	0.75		30.00 ✓
	30-66		2	25.00	0.75		37.50 ✓
	3rd main road						
	0-30		2	26.00	0.75		39.00 ✓
	30-64		2	30.00	0.75		45.00 ✓
	deduction- culvert length						
			2	6.00	1.50		18.00 ✓
	2nd main road						
	0-30		2	25.00	0.75		37.50 ✓
	30-68		2	32.00	0.75		48.00 ✓
	3rd main road						
	0-30		2	26.00	0.75		39.00 ✓
	30-68		2	30.00	0.75		45.00 ✓
	13 th cross						
	0-30		2	25.00	0.75		37.50 ✓
	30-53		2	20.00	0.75		30.00 ✓
	12th cross						
	0-30		2	25.00	0.75		37.50 ✓
	30-60		2	25.00	0.75		37.50 ✓
	60-90		2	26.00	0.75		39.00 ✓
	90-120		2	24.00	0.75		36.00 ✓
	120-155		2	30.00	0.75		45.00 ✓
	9th A cross		2	20.00	0.75		30.00 ✓
	9th cross						
	0-30		2	30.00	0.75		45.00 ✓
	30-60		2	30.00	0.75		45.00 ✓
	60-92		2	32.00	0.75		48.00 ✓
	8th cross						
	0-30		2	15.00	0.75		22.50 ✓
	30-60		2	15.00	0.75		22.50 ✓
	60-90		2	10.00	0.75		15.00 ✓
	90-130		2	25.00	0.75		37.50 ✓
	7th cross						

Assistant Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Assistane Executive Engineer
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

NDP 862
DE(24)
01/07/2020

	0-30	2	25.00	0.75	37.50 ✓
	30-50	2	20.00	0.75	30.00 ✓
6th cross					
	0-30	2	25.00	0.75	37.50 ✓
	30-45	2	15.00	0.75	22.50 ✓
3rd cross					
	0-25	2	20.00	0.75	30.00 ✓
2nd cross					
	0-31	2	26.00	0.75	39.00 ✓
1st cross					
	0-40	2	15.00	0.75	22.50 ✓
Amruthanagara C sector					
3rd cross					
	0-30	2	20.00	0.75	30.00 ✓
	30-60	2	20.00	0.75	30.00 ✓
	60-90	2	20.00	0.75	30.00 ✓
	90-120	2	21.00	0.75	31.50 ✓
4th cross					
	0-30	2	20.00	0.75	30.00 ✓
	30-60	2	19.00	0.75	28.50 ✓
	60-90	2	18.00	0.75	27.00 ✓
	90-117	2	10.00	0.75	15.00 ✓
	0-30	2	15.00	0.75	22.50 ✓
	30-60	2	12.00	0.75	18.00 ✓
	60-90	2	12.00	0.75	18.00 ✓
	90-122	2	21.00	0.75	31.50 ✓
					1398.00 ✓
				ST	1380.00 ✓
BS Slab- drain					
Pampa extension					
4th cross					
	0-30	2	5.00	1.35	13.50 ✓
	30-66	2	5.00	1.35	13.50 ✓
3rd main road					
	0-30	2	10.00	1.35	27.00 ✓
	30-64	2	10.00	1.35	27.00 ✓
deduction- culvert length					
		2	6.00	0.90	10.80 ✓
2nd main road					
	0-30	2	10.00	1.35	27.00 ✓
	30-68	2	10.00	1.35	27.00 ✓
3rd main road					
	0-30	2	10.00	1.35	27.00 ✓
	30-68	2	12.00	1.35	32.40 ✓
13 th cross					
	0-30	2	12.00	1.35	32.40 ✓
	30-53	2	12.00	1.35	32.40 ✓

Asst. Eng. N.D.
Assistant Engineer

Asst. Eng. N.D.
Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.,
Bangalore.

Asst. Eng. N.D.
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

531
NOV 14/19
03/11/2020

220

12th cross						
	0-30	2	12.00	1.35		32.40 ✓
	30-60	2	10.00	1.35		27.00 ✓
60-90		2	5.00	1.35		13.50 ✓
	90-120	2	10.00	1.35		27.00 ✓
	120-155	2	5.00	1.35		13.50 ✓
9th A cross		2	5.00	1.35		13.50 ✓
7th cross						
	0-30	2	15.00	1.35		40.50 ✓
	30-50	2	10.00	1.35		27.00 ✓
6th cross						
	0-30	2	5.00	1.35		13.50 ✓
	30-45	2	10.00	1.35		27.00 ✓
8th cross						
	0-30	2	5.00	1.35		13.50 ✓
	30-60	2	10	1.35		27.00 ✓
	60-90	2	10.00	1.35		27.00 ✓
	90-130	2	12.00	1.35		32.40 ✓
3rd cross						
	0-25	2	5.00	1.35		13.50 ✓
2nd cross						
	0-31	2	5.00	1.35		13.50 ✓
1st cross						
	0-40	2	10.00	1.35		27.00 ✓
Amruthanagara C sector						
3rd cross						
	0-30	2	5.00	1.35		13.50 ✓
	30-60	2	5.00	1.35		13.50 ✓
	60-90	2	5.00	1.35		13.50 ✓
	90-120	2	10.00	1.35		27.00 ✓
4th cross						
	0-30	2	5.00	1.35		13.50 ✓
	30-60	2	10.00	1.35		27.00 ✓
	60-90	2	5.00	1.35		13.50 ✓
	90-117	2	8.00	1.35		21.60 ✓
	0-30	2	17.00	1.35		45.90 ✓
	30-60	2	18.00	1.35		48.60 ✓
	60-90	2	12.00	1.35		32.40 ✓
	90-122	2	20.00	1.35		54.00 ✓
						982.80 ✓
						972.00 ✓
					Total	2362.80
					Qty ltd to	2318.10 ✓

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Qty ltd to

Verf. d.
Op.

Assistane Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Asstt. U. N. D.
Assistant Engineer

Item name:-02		Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications..					
Desilting of drains							
Pampa extension		Sqm					
4th cross							
	0-30	2	30.00	0.50	0.50	15.00	✓
	30-66	2	36.00	0.50	0.50	18.00	✓
3rd main road							
	0-30	2	30.00	0.50	0.50	15.00	✓
	30-64	2	34.00	0.50	0.50	17.00	✓
deduction- culvert length							
		2	6.00	0.60	0.70	5.04	✓
2nd main road							
	0-30	2	30.00	0.50	0.50	15.00	✓
	30-68	2	38.00	0.50	0.50	19.00	✓
3rd main road							
	0-30	2	30.00	0.50	0.50	15.00	✓
	30-68	2	38.00	0.50	0.50	19.00	✓
13 th cross							
	0-30	2	30.00	0.50	0.50	15.00	✓
	30-53	2	23.00	0.50	0.50	11.50	✓
12th cross							
	0-30	2	30.00	0.50	0.50	15.00	✓
	30-60	2	30.00	0.50	0.50	15.00	✓
	60-90	2	30.00	0.50	0.50	15.00	✓
	90-120	2	30.00	0.50	0.50	15.00	✓
	120-155	2	35.00	0.50	0.50	17.50	✓
9th A cross		2	27.00	0.50	0.50	13.50	✓
7th cross							
	0-30	2	30.00	0.50	0.50	15.00	✓
	30-50	2	20.00	0.50	0.50	10.00	✓
6th cross							
	0-30	2	30.00	0.50	0.50	15.00	✓
	30-45	2	15.00	0.50	0.50	7.50	✓
5th cross							
	0-30	2	30.00	0.50	0.50	15.00	✓
	30-60	2	30.00	0.50	0.50	15.00	✓
	60-90	2	30.00	0.50	0.50	15.00	✓
	90-120	2	30.00	0.50	0.50	15.00	✓
	120-150	2	30.00	0.50	0.50	15.00	✓
	150-180	2	30.00	0.50	0.50	15.00	✓
3rd cross							
	0-25	2	25.00	0.50	0.50	12.50	✓

M. N. D.
Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

NDD
AE (L&A)
06/07/2020

NDD
AE (L&A)
07/07/2020

NDP
DE(131)
16/07/2020

696.72

Assistane Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Item name:-03		Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete.7.5 cm thick.				
Qty vide item no.01- damaged qty						
Pampa extension						
4th cross						
	0-30	2	25.00	0.90		45.00 ✓
	30-66	2	31.00	0.90		55.80 ✓
3rd main road						
	0-30	2	20.00	0.90		36.00 ✓
	30-64	2	24.00	0.90		43.20 ✓
deduction- culvert length						
		2	6.00	0.90		10.80 ✓
2nd main road						
	0-30	2	20.00	0.90		36.00 ✓
	30-68	2	28.00	0.90		50.40 ✓
3rd main road						
	0-30	2	20.00	0.90		36.00 ✓
	30-68	2	26.00	0.90		46.80 ✓
13 th cross						
	0-30	2	18	0.9		32.40 ✓
	30-53	2	11.00	0.90		19.80 ✓
12th cross						
	0-30	2	18.00	0.90		32.40 ✓
	30-60	2	20.00	0.90		36.00 ✓
	60-90	2	25.00	0.90		45.00 ✓
	90-120	2	20.00	0.90		36.00 ✓
	120-155	2	30.00	0.90		54.00 ✓
9th A cross		2	22.00	0.90		39.60 ✓
7th cross						
	0-30	2	15.00	0.90		27.00 ✓
	30-50	2	10.00	0.90		18.00 ✓
6th cross						
	0-30	2	25.00	0.90		45.00 ✓
	30-45	2	5.00	0.90		9.00 ✓
5th cross						
	0-30	2	25.00	0.90		45.00 ✓
	30-60	2	20.00	0.90		36.00 ✓
	60-90	2	20.00	0.90		36.00 ✓
	90-120	2	18.00	0.90		32.40 ✓
3rd cross						
	0-25	2	20.00	0.90		36.00 ✓
2nd cross						
	0-31	2	26.00	0.90		46.80 ✓
1st cross						
	0-40	2	30.00	0.90		54.00 ✓
Amruthanagara C sector						

NDD
AE (1st)
11/2/2020

NDD
AE (1st)
12/2/2020

Amruthanagara C sector
Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.,
Bangalore.

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

2nd cross						
	0-30	2	25.00	0.90		45.00 ✓
	30-60	2	25.00	0.90		45.00 ✓
	60-90	2	25.00	0.90		45.00 ✓
	90-120	2	20.00	0.90		36.00 ✓
4th cross						
	0-30	2	25.00	0.90		45.00 ✓
	30-60	2	20.00	0.90		36.00 ✓
	60-90	2	25.00	0.90		45.00 ✓
	90-117	2	19.00	0.90		34.20 ✓
	0-30	2	13.00	0.90		23.40 ✓
	30-60	2	12.00	0.90		21.60 ✓
	60-90	2	18.00	0.90		32.40 ✓
	90-122	2	12.00	0.90		21.60 ✓
						1470.60
						1459.80
For new drains Pampa extension						
11th cross						
	0-30	1	30.00	1.35		40.50 ✓
	30-60	1	30.00	1.35		40.50 ✓
	60-90	1	30.00	1.35		40.50 ✓
	90-125	1	35.00	1.35		47.25 ✓
8th cross						
	0-30	1	30.00	1.35		40.50 ✓
	30-60	1	30.00	1.35		40.50 ✓
	60-90	1	30.00	1.35		40.50 ✓
						290.25 ✓
						1750.05 ✓
						1465.35 ✓
					Qty Ltd to	

430.20
NDP
DE(121)
13/8/2020

NDP
DE(19)
13/8/2020

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

NDP N.D.
Assistant Engineer

Assistant Executive Engineer
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Item name:-04		Providing and constructing load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not less than 1800 kg/m ³ and having a minimum average compressive strength 4.00 N/mm ² confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing complete as per specifications. KBS No.5.4 with all lead and lift, loading and unloading and all other incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	For raising side walls of drain						
	Pampa extension						
	4th cross						
	0-30	2	30.00	0.10		6.00	✓
	30-66	2	36.00	0.10		7.20	✓
	3rd main road						
	0-30	2	30.00	0.10		6.00	✓
	30-64	2	34.00	0.10		6.80	✓
	deduction- culvert length						
		2	6.00	0.10		1.20	✓
	2nd main road						
	0-30	2	30.00	0.10		6.00	✓
	30-68	2	38.00	0.10		7.60	✓
	3rd main road						
	0-30	2	30.00	0.10		6.00	✓
	30-68	2	38.00	0.10		7.60	✓
	13th cross						
	0-30	2	30.00	0.10		6.00	✓
	30-53	2	23.00	0.10		4.60	✓
	12th cross						
	0-30	2	30.00	0.10		6.00	✓
	30-60	2	30.00	0.10		6.00	✓
	60-90	2	30.00	0.10		6.00	✓
	90-120	2	30.00	0.10		6.00	✓
	120-155	2	35.00	0.10		7.00	✓
	9th A cross	2	27.00	0.10		5.40	✓
	7th cross						
	0-30	2	30.00	0.10		6.00	✓
	30-50	2	20.00	0.10		4.00	✓
	6th cross						
	0-30	2	30.00	0.10		6.00	✓
	30-45	2	15.00	0.10		3.00	✓
	5th cross						
	0-30	2	30.00	0.10		6.00	✓
	30-60	2	30.00	0.10		6.00	✓
	60-90	2	30.00	0.10		6.00	✓

Amr. N.D.
Assistant Engineer

1384
12/8/2020
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

	90-120	2	30.00	0.10		6.00 ✓
	120-150	2	30.00	0.10		6.00 ✓
	150-180	2	30.00	0.10		6.00 ✓
3rd cross						
	0-25	2	25.00	0.10		5.00 ✓
2nd cross						
	0-31	2	31.00	0.10		6.20 ✓
1st cross						
	0-40	2	40.00	0.10		8.00 ✓
Amruthanagara C sector						
2nd cross						
	0-30	2	30.00	0.10		6.00 ✓
	30-60	2	30.00	0.10		6.00 ✓
	60-90	2	30.00	0.10		6.00 ✓
	90-120	2	30.00	0.10		6.00 ✓
4th cross						
	0-30	2	30.00	0.10		6.00 ✓
	30-60	2	30.00	0.10		6.00 ✓
	60-90	2	30.00	0.10		6.00 ✓
	90-117	2	27.00	0.10		5.40 ✓
	0-30	2	30.00	0.10		6.00 ✓
	30-60	2	30.00	0.10	0.10	6.00 ✓
	60-90	2	30.00	0.10		6.00 ✓
	90-122	2	32.00	0.10		6.40 ✓
For new drains Pampa extension						
11th cross						
	0-30	1	30.00	0.10		3.00 ✓
	30-60	1	30.00	0.10		3.00 ✓
	60-90	1	30.00	0.10		3.00 ✓
	90-125	1	35.00	0.10		3.50 ✓
9th cross						
	0-30	3	30.00	0.10		9.00 ✓
	30-60	3	30.00	0.10		9.00 ✓
	60-95	3	35.00	0.10		10.50 ✓
8th cross						
	0-30	1	30.00	0.10		3.00 ✓
	30-60	1	30.00	0.10		3.00 ✓
	60-90	1	30.00	0.10		3.00 ✓
						297.40 ✓
				ST		296.20 ✓
				Qty Ltd to		269.50 ✓

NDD
DE(1st)
25/8/2020

159.

NDD
DE(1st)
25/8/2020

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

M.M.U. N.D.
Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Item name:-05		Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 10cms thick				
For new drains Pampa extension						
11th cross						
	0-30	1	30.00	0.75		22.50 ✓
	30-60	1	30.00	0.75		22.50 ✓
	60-90	1	30.00	0.75		22.50 ✓
	90-125	1	35.00	0.75		26.25 ✓
9th cross						
	0-30	3	30.00	0.75		67.50 ✓
	30-60	3	30.00	0.75		67.50 ✓
	60-95	3	35.00	0.75		78.75 ✓
8th cross						
	0-30	1	30.00	0.75		22.50 ✓
	30-60	1	30.00	0.75		22.50 ✓
	60-90	1	30.00	0.75		22.50 ✓
				ST		375.00 ✓
Missing qty covering slab Pampa extension						
4th cross						
	0-30	2	10.00	0.75		15.00 ✓
	30-66	2	11.00	0.75		16.50 ✓
3rd main road						
	0-30	2	4.00	0.75		6.00 ✓
	30-64	2	4.00	0.75		6.00 ✓
deduction- culvert length						
		2	6.00	1.50		18.00 ✓
2nd main road						
	0-30	2	5.00	0.75		7.50 ✓
	30-68	2	6.00	0.75		9.00 ✓
3rd main road						
	0-30	2	4.00	0.75		6.00 ✓
	30-68	2	8.00	0.75		12.00 ✓
13 th cross						
	0-30	2	5.00	0.75		7.50 ✓
	30-53	2	3.00	0.75		4.50 ✓
12th cross						
	0-30	2	5.00	0.75		7.50 ✓
	30-60	2	5.00	0.75		7.50 ✓
	60-90	2	4.00	0.75		6.00 ✓
	90-120	2	6.00	0.75		9.00 ✓
	120-155	2	5.00	0.75		7.50 ✓
9th A cross		2	7.00	0.75		10.50 ✓
7th cross						
	0-30	2	5.00	0.75		7.50 ✓
	30-50	2	0.00	0.75		0.00 ✓

NBP
AE (1st)
2/11/2020

163.50
NBP
AE (1st)
2/11/2020

M. N. D.
Assistant Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.,
Bangalore.

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

6th cross						
0-30	2	5.00	0.75		7.50	
30-45	2	0.00	0.75		0.00	
5th cross						
0-30	2	15.00	0.75		22.50	
30-60	2	15.00	0.75		22.50	
60-90	2	20.00	0.75		30.00	
90-120	2	5.00	0.75		7.50	
3rd cross						
0-25	2	5.00	0.75		7.50	
2nd cross						
0-31	2	5.00	0.75		7.50	
1st cross						
0-40	2	25.00	0.75		37.50	
Amruthanagara C sector						
2nd cross						
0-30	2	10.00	0.75		15.00	
30-60	2	10.00	0.75		15.00	
60-90	2	10.00	0.75		15.00	
90-120	2	9.00	0.75		13.50	
4th cross						
0-30	2	10.00	0.75		15.00	
30-60	2	11.00	0.75		16.50	
60-90	2	12.00	0.75		18.00	
90-117	2	17.00	0.75		25.50	
0-30	2	15.00	0.75		22.50	
30-60	2	18.00	0.75		27.00	
60-90	2	18.00	0.75		27.00	
90-122	2	11.00	0.75		16.50	
					532.50	
			ST		514.50	
			Total Qty		889.50	
			Qty.Ltd to		656.25	

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

369

NDD
DE(191)
21/11/2020

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Item name:-06		Providing one line dressing to granite stone slabs/granite stone masonry as per specifications					
Pampa extension							
4th cross							
	0-30	2	30.00	0.75		45.00	✓
	30-66	2	36.00	0.75		54.00	✓
3rd main road							
	0-30	2	30.00	0.75		45.00	✓
	30-64	2	34.00	0.75		51.00	✓
deduction- culvert length							
		2	6.00	0.75		9.00	✓
2nd main road							
	0-30	2	30.00	0.75		45.00	✓
	30-68	2	38.00	0.75		57.00	✓
3rd main road							
	0-30	2	30.00	0.75		45.00	✓
	30-68	2	38.00	0.75		57.00	✓
13 th cross							
	0-30	2	30.00	0.75		45.00	✓
	30-53	2	23.00	0.75		34.50	✓
12th cross							
	0-30	2	30	0.75		45.00	✓
	30-60	2	30.00	0.75		45.00	✓
	60-90	2	30.00	0.75		45.00	✓
	90-120	2	30.00	0.75		45.00	✓
	120-155	2	35.00	0.75		52.50	✓
		2	27.00	0.75		40.50	✓
9th A cross							
7th cross							
	0-30	2	30.00	0.75		45.00	✓
	30-50	2	20.00	0.75		30.00	✓
6th cross							
	0-30	2	30.00	0.75		45.00	✓
	30-45	2	15.00	0.75		25.00	✓
5th cross							
	0-30	2	30.00	0.75		45.00	✓
	30-60	2	30.00	0.75		45.00	✓
	60-90	2	30.00	0.75		45.00	✓
	90-120	2	30.00	0.75		45.00	✓
	120-150	2	30.00	0.75		45.00	✓
	150-180	2	30.00	0.75		45.00	✓
3rd cross							
	0-25	2	25.00	0.75		37.50	✓
2nd cross							
	0-31	2	31.00	0.75		46.50	✓
1st cross							
	0-40	2	40.00	0.75		60.00	✓
Amruthanagara C sector							

B.M.P. N.D.
Assistant Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone B.B.M.P.,
Bangalore.

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Assistant Executive Engineer
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

13A-50
N.D.
2/11/2020

2nd cross						
	0-30	2	30.00	0.75		45.00 ✓
	30-60	2	30.00	0.75		45.00 ✓
	60-90	2	30.00	0.75		45.00 ✓
	90-120	2	30.00	0.75		45.00 ✓
4th cross						
	0-30	2	30.0	0.75		45.00 ✓
	30-60	2	30.0	0.75		45.00 ✓
	60-90	2	30.0	0.75		45.00 ✓
	90-117	2	27.0	0.75		40.50 ✓
	0-30	2	30.0	0.75		45.00 ✓
	30-60	2	30.0	0.75		45.00 ✓
	60-90	2	30.0	0.75		45.00 ✓
	90-122	2	32.0	0.75		48.00 ✓
For new drains Pampa extension						
11th cross						
	0-30	1	30	0.75		22.50 ✓
	30-60	1	30.00	0.75		22.50 ✓
	60-90	1	30.00	0.75		22.50 ✓
	90-125	1	35.00	0.75		26.25 ✓
Old covering slab- Amruthanagara						
	0-30	1	30.00	0.75		22.50 ✓
	30-60	1	30.00	0.75		22.50 ✓
	60-90	1	30.00	0.75		22.50 ✓
	90-120	1	30.00	0.75		22.50 ✓
	120-150	1	30.00	0.75		22.50 ✓
	150-180	1	37.00	0.75		27.75 ✓
8th cross						
	0-30	1	30	0.75		22.50 ✓
	30-60		30.00	0.75		22.50 ✓
	60-90		30.00	0.75		22.50 ✓
Total						2159.50 ✓

Assistant Executive Engineer

Kodigehalli Sub Division

Bangalore Zone, B.B.M.,
Bangalore.860
NDD
DE(2)
02/11/2020M. N. D.
Assistant Engineer


 Assistant Executive Engineer
 Kodigehalli Sub Division
 Bruhat Bangalore Mahanagara Palike
 Bangalore - 560 092

Item name:-07		Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete					
Pampa extension							
4th cross							
	0-30	2	75				150 ✓
	30-66	2	75				150 ✓
3rd main road							
	0-30	2	72.00				144.00 ✓
	30-64	2	85.00				170.00 ✓
deduction- culvert length							
		2	15.00				30.00 ✓
2nd main road							
	0-30	2	75.00				150.00 ✓
	30-68	2	85				170 ✓
3rd main road							
	0-30	2	75.00				150.00 ✓
	30-68	2	90.00				180.00 ✓
13 th cross							
	0-30	2	75.00				150.00 ✓
	30-53	2	60				120 ✓
12th cross							
	0-30	2	72				144 ✓
	30-60	2	73.00				146.00 ✓
	60-90	2	72.00				144.00 ✓
	90-120	2	75.00				150.00 ✓
	120-155	2	80.00				160.00 ✓
		2	65.00				130.00 ✓
9th A cross							
7th cross							
	0-30	2	72.00				144.00 ✓
	30-50	2	45.00				90.00 ✓
6th cross							
	0-30	2	71				142 ✓
	30-45	2	37.00				74.00 ✓
5th cross							
	0-30	2	70.00				140.00 ✓
	30-60	2	70.00				140.00 ✓
	60-90	2	70.00				140.00 ✓
	90-120	2	70.00				140.00 ✓
	120-150	2	70.00				140.00 ✓
	150-180	2	70.00				140.00 ✓
3rd cross							
	0-25	2	57.00				114.00 ✓
2nd cross							
	0-31	2	70.00				140.00 ✓
1st cross							

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

0-40	2	71.00		142.00
Amruthanagara C sector				
2nd cross				
0-30	2	58.00		116.00
30-60	2	60.00		120.00
60-90	2	60.00		120.00
90-120	2	49.00		98.00
4th cross				
0-30	2	68.00		136.00
30-60	2	69.00		138.00
60-90	2	68.00		136.00
90-117	2	61.00		122.00
0-30	2	69.00		138.00
30-60	2	70.00		140.00
60-90	2	69.00		138.00
90-122	2	72.00		144.00
11th cross				
0-30	1	69.00		69.00
30-60	1	70.00		70.00
60-90	1	71.00		71.00
90-125	1	81.00		81.00
Old covering slab- Amruthanagara				
0-30	1	72.00		72.00
30-60	1	72.00		72.00
60-90	1	82.00		82.00
8th cross				
0-30	1	70.00		70.00
30-60	1	72.00		72.00
60-90	1	70.00		70.00
				6399.00

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

24/12
NDP
DE (131)
2/11/2020

NDP
Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

8	Item name:-08	Providing and laying in position plain cement concrete of nominal mix 1:3:6 with OPC @220 Kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89 cum and fine aggregates @0.46cum, in foundation mechanically mixed, placed in foundation and comacted by vibration including curing for 14 days including cost of all materials labour, HOM of machinery, curing, form works, scaffolding and centering complete as per specification .					
	Pampa extension						
	4th cross						
	0-30	2	30	0.45	0.10	2.70	✓
	30-66	2	36	0.45	0.10	3.24	✓
	3rd main road					0.00	
	0-30	2	30	0.45	0.10	2.70	✓
	30-64	2	34	0.45	0.10	3.06	✓
	deduction- culvert length					0.00	
		2	15	0.45	0.10	0.00	1.35
	2nd main road					0.00	
	0-30	2	30	0.45	0.10	2.70	✓
	30-68	2	38	0.45	0.10	3.42	✓
	3rd main road					0.00	
	0-30	2	30	0.45	0.10	2.70	✓
	30-68	2	38	0.45	0.10	3.42	✓
	13 th cross					0.00	
	0-30	2	30	0.45	0.10	2.70	✓
	30-53	2	23	0.45	0.10	2.07	✓
	12th cross					0.00	
	0-30	2	30	0.45	0.10	2.70	✓
	30-60	2	30	0.45	0.10	2.70	✓
	60-90	2	30	0.45	0.10	2.70	✓
	90-120	2	30	0.45	0.10	2.70	✓
	120-155	2	35	0.45	0.10	3.15	✓
	9th A cross	2	27	0.45	0.10	2.43	✓
	7th cross						
	0-30	2	30	0.45	0.10	2.70	✓
	30-50	2	20	0.45	0.10	1.80	✓
	6th cross					0.00	
	0-30	2	30	0.45	0.10	2.70	✓
	30-45	2	15	0.45	0.10	1.35	✓
	5th cross					0.00	✗
	0-30	2	30	0.45	0.10	2.70	✓
	30-60	2	30	0.45	0.10	2.70	✓
	60-90	2	30	0.45	0.10	2.70	✓
	90-120	2	30	0.45	0.10	2.70	✓
	120-150	2	30	0.45	0.10	2.70	✓
	150-180	2	30	0.45	0.10	2.70	✓
	3rd cross					0.00	

NDP
AE (Wg)
14/12/2020

71.19

Abhijit N.D.
Assistant Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yeshbanka 7 B.B.M.P.,
Bangalore

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Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

0-25	2	25	0.45	0.10	2.25
2nd cross					0.00
0-31	2	31	0.45	0.10	2.79
1st cross					0.00
0-40	2	40	0.45	0.10	3.60
Amruthanagara C sector					
2nd cross					
0-30	2	30	0.45	0.10	2.70
30-60	2	30	0.45	0.10	2.70
60-90	2	30	0.45	0.10	2.70
90-120	2	30	0.45	0.10	2.70
4th cross					
0-30	2	30	0.45	0.10	2.70
30-60	2	30	0.45	0.10	2.70
60-90	2	30	0.45	0.10	2.70
90-117	2	27	0.45	0.10	2.43
0-30	2	30	0.45	0.10	2.70
30-60	2	30	0.45	0.10	2.70
60-90	2	30	0.45	0.10	2.70
90-122	2	32	0.45	0.10	2.88
11th cross					
0-30	1	30	0.45	0.10	1.35
30-60	1	30	0.45	0.10	1.35
60-90	1	30	0.45	0.10	1.35
90-125	1	35	0.45	0.10	1.58
Old covering slab- Amruthanagara					
0-30	1	30	0.45	0.10	1.35
30-60	1	30	0.45	0.10	1.35
60-90	1	35	0.45	0.10	1.58
8th cross					
0-30	1	30	0.45	0.10	1.35
30-60	1	30	0.45	0.10	1.35
60-90	1	30	0.45	0.10	1.35
Ramps in front of houses	4	4	1	0.15	4.80
					129.54

NDP
DE(131)
7/8/2020

59.34
NDP
DE(131)
18/8/2020

NDP N.D.
Assistant Engineer

Assistant Executive Engineer
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Detailed measurements

Item name:-09		:Providing and applying ready mix priming coat over concrete / masonry, / asbestos cement sheet / plastered surfaces, including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specifications				
Pampa extension						
4th cross						
	0-30	2	75.00	0.45	67.50	✓
	30-66	2	75.00	0.45	67.50	✓
					0.00	
3rd main road						
	0-30	2	72.00	0.45	64.80	✓
	30-64	2	85.00	0.45	76.50	✓
2nd main road						
	0-30	2	75.00	0.45	67.50	✓
	30-68	2	85.00	0.45	76.50	✓
					0.00	
3rd main road						
	0-30	2	75.00	0.45	67.50	✓
	30-68	2	90.00	0.45	81.00	✓
13 th cross						
	0-30	2	75	0.45	67.5	✓
	30-53	2	60.00	0.45	54.00	✓
12th cross						
	0-30	2	72.00	0.45	64.80	✓
	30-60	2	73.00	0.45	65.70	✓
	60-90	2	72	0.45	64.8	✓
	90-120	2	75	0.45	67.5	✓
	120-155	2	80	0.45	72	✓
		2	65.00	0.45	58.50	✓
9th A cross						
7th cross						
	0-30	2	72.00	0.45	64.80	✓
	30-50	2	45	0.45	40.5	✓
				0.45	63.90	
6th cross						
	0-30	2	71	2.45	347.9	✓
	30-45	2	37	0.45	33.3	✓
5th cross						
	0-30	2	70	0.45	63	✓
	30-60	2	70	0.45	63	✓
	60-90	2	70	0.45	63	✓
	90-120	2	70	0.45	63	✓
	120-150	2	70	0.45	63	✓
	150-180	2	70	0.45	63	✓
3rd cross						
	0-25	2	57	0.45	51.3	✓
2nd cross						
	0-31	2	70	0.45	63	✓
1st cross						

M. N. D.
Assistant Engineer

Assistane Executive Engineer
Assistant Executive Engineer
Kodigealli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

	0-40	2	71.00	0.45	63.90
Amruthanagara C sector					
2nd cross					
	0-30	2	58.00	0.45	52.20
	30-60	2	60	0.45	54
	60-90	2	60	0.45	54
	90-120	2	49.00	0.45	44.10
4th cross					
	0-30	2	68	0.45	61.2
	30-60	2	69	0.45	62.1
	60-90	2	68	0.45	61.2
	90-117	2	61	0.45	54.9
	0-30	2	69	0.45	62.1
	30-60	2	70	0.45	63
	60-90	2	69	0.45	62.1
	90-122	2	72	0.45	64.8
11th cross					
	0-30	1	69	0.45	31.05
	30-60	1	70	0.45	31.5
	60-90	1	71.00	0.45	31.95
	90-125	1	81.00	0.45	36.45
Old covering slab- Amruthanagara					
	0-30	1	72.00	0.45	32.40
	30-60	1	72.00	0.45	32.40
	60-90	1	82.00	0.45	36.90
8th cross					
	0-30	1	70.00	0.45	31.50
	30-60	1	72.00	0.45	32.40
	60-90	1	70.00	0.45	31.50
					3150.05
Assistant Executive Engineer,				Total Qty	3132.05
Kodigehalli Sub Division,				Qty ltd to	2880.00
Yelahanka Zone, B.B.M.P.,					
Bangalore.					

1087.65
2866.05
NDP
DE (W)
2/11/2020

Abinay N.D.
Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Item name:-10		Providing and fixing MS Grating 260x260 mm				
	Pampa extension					
	4th cross	45				45.00 ✓
	3rd main road	45				45.00 ✓
	2nd main road	35				35.00 ✓
	3rd main road	30				30.00 ✓
	13 th cross	25				25.00 ✓
	12th cross	20				20.00 ✓
	9th A cross	20				20.00 ✓
	7th cross	20				20.00 ✓
	6th cross	20				20.00 ✓
	5th cross	25				25.00 ✓
	3rd cross	25				25.00 ✓
	2nd cross	25				25.00 ✓
	1st cross	20				20.00 ✓
	Amruthanagara C sector					
	2nd cross	20				20.00 ✓
	4th cross	25				25.00 ✓
	11th cross	20				20.00 ✓
	Old covering slab- Amruthanagara	20				20.00 ✓
	8th cross	15				15.00 ✓
						455.00 ✓
Item name:-11		Laying Reinforced concrete pipe NP2 / prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets complete as per specifications. MORTH				
	57	1.8				102.60 ✓
	m			Total Qty		102.00 ✓
Item name:-12		Providing 100mm and down size nominal size				
	57	1.80		0.2		20.52 ✓
	cum			Total Qty		11.48 ✓
Item name:-13		Providing 40mm and down size nominal size				
	57	1.80		0.15		15.39 ✓
	cum			Total Qty		3.84 ✓
Item name:-14		Providing 20mm and down size nominal size				
	57	1.80		0.1		10.26 ✓
	cum			Total Qty		3.84 ✓
Item name:-15		Providing Fine aggregate 2.36mm nominal size				
	57	1.80		0.1		10.26 ✓
	cum			Total Qty		2.88 ✓
Item name:-16		Providing and fixing MS Grating 260x260 mm				
						68 ✓
	nos			Total Qty		68 ✓

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Assistant Engineer

20

Assistane Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Assistane Executive Engineer
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092